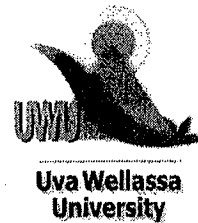




Uva Wellassa University
Faculty of Animal Science and Export Agriculture



B.Sc. in Export Agriculture

End Semester Examination August/September 2011
Year III Semester II

Advanced Crop Physiology (EAG 356-1)

Instructions

Answer **all** questions

No. of questions : Three (03)

No. of pages : One (01)

Total marks allocated : 100%

Time : One hour

Index No:

Essay

Question 01

Discuss the importance of morphological and physiological modifications associated with crop yield improvement.

(30 Marks)

Question 02

- a) What is meant by "Allelopathy"
- b) Discuss the factors that affect on the allelopathic effect on plants
- c) "It is likely that in the near future **allelopathy** will be used in crop production systems".
By giving examples briefly comment on this statement.

(40 Marks)

Question 03

- a) Briefly explain the working principle of pressure bomb or pressure chamber
- b) Briefly discuss the possible measures that can be adapted to overcome the errors when handling the pressure chamber.

(30 Marks)